

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/002809

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01R12/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 437 562 A (MICHAEL ET AL) 1 August 1995 (1995-08-01) abstract; figures 1-14	1, 14, 37, 39 2, 9, 12, 19
X A	US 2002/177332 A1 (HUBBARD GEORGE M ET AL) 28 November 2002 (2002-11-28) column 11, line 67 - column 12, line 2; figures 11, 14, 15	37 19

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

23 May 2005

Date of mailing of the international search report

01/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Corrales, D

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/002809

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5437562	A	01-08-1995	BR 9404766 A	20-06-1995
			CA 2117874 A1	31-05-1995
			CN 1107261 A	23-08-1995
			EP 0655809 A2	31-05-1995
			JP 7192819 A	28-07-1995
			DE 4410072 A1	29-09-1994
			FR 2703192 A1	30-09-1994
			JP 6302343 A	28-10-1994
US 2002177332	A1	28-11-2002	CN 1537345 A	13-10-2004
			EP 1413010 A2	28-04-2004
			WO 02089265 A2	07-11-2002